

ABSTRACT

A method of adhering a first material to a second material, which utilizes an anchoring adhesive applied to one or both of the materials as a plurality of isolated adhesive anchors having interstitial spaces between them, forming improved bonding sites for a bonding adhesive which is used to adhere the materials together. In the preferred embodiment the anchoring adhesive may be applied by a process similar to silk screening, whereby a mask or screen defines a plurality of adhesive-impervious portions which create the interstitial spaces and adhesive-pervious portions which allow adhesive to pass through the screen to create the adhesive anchors. The bonding adhesive is applied to the material over the cured adhesive anchors, which serve as high-adhesion bonding sites for the bonding adhesive. The application of anchors on one or both substrate surfaces provides for a compatible interface for the adhesive so as to preserve the inherent rigidity or flexibility of the substrates while maximizing adhesion between the materials.